

SUBSTANTIVE COMPONENTS OF FOREIGN INTELLIGENCE

TRANSPORTATION AND TELECOMMUNICATIONS

An over-all appreciation of all phases of transportation and telecommunication systems of the country or area.

I. TRANSPORTATION

A. Railways, Highways, and Inland Waterways

1. Characteristics of the national network: general, line and terminal.
2. Control and organization.
3. Operations: general level of efficiency in comparison with U.S.; traffic conditions.
4. Equipment: motive power, rolling stock, special equipment.
5. Principal railways: description of the lines of prime importance to the country's economic and military requirements.

B. Petroleum Pipe Lines.

1. Transport, storage, and terminal facilities: extent, purpose capacities, relationship to adjacent countries.
2. Principal pipelines: location, length, size, capacity, date of construction.

C. Ports and Naval Facilities

1. Distribution by areas.
2. Characteristics: size, layout, capacity, facilities, operational efficiency.
3. Relative significance and functional relation to transportation system and commercial economy.
4. Control and administration.

D. Merchant Marine

1. Composition: numbers of ships by type.
2. Name, speed, tonnage, size, fuel, age, crew strength, etc. for individual ships.

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D. Merchant Marine (Cont'd)

3. Shipping program: construction, purchase, chartering.
4. Operations and traffic: significance in the national economy; normal routes.
5. Adaptability for military use.

E. Civil Air

1. Status of development and present characteristics: numbers and types of aircrafts.
2. Capability for augmenting military air strength: personnel, training.
3. Control and policy: civil air enterprises.
4. Services and supplies: maintenance, spare parts, aviation gasoline.
5. Civil air facilities: airfields, operational aids, meteorological services.

II. TELECOMMUNICATIONS

A. Significance

1. Importance and extent of integration of various communications media.
2. Over-all coverage and service capabilities.
3. Effect of topographic or meteorological conditions.

B. Military Use and Vulnerability

1. National policy on military use in peace and war.
2. Adaptability of systems and facilities to military use.
3. Features contributing to vulnerability, such as critical power sources, susceptibility to sabotage, and potential bottleneck points.

C. Domestic Facilities

1. Telephone, telegraph, radio, television: adequacy, efficiency, and dependability of service; interconnection.
2. Maintenance and repair.
3. Major aspects of civil radar, navigational devices, meteorological stations, and direction finders.

D. International Facilities

1. Submarine cables: service and interconnection with domestic facilities
2. Landlines: international transit routes; points of border crossing.
3. Radio: broadcasting; radiotelephone; radiotelegraph; facsimile.

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